

Analysis for genetically modified organisms in China

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Since 1990's, with the rapid development of agricultural biotechnology, the area planting GMOs in China has been increased to the fifth place in the world. 25 GM crops have been approved to be imported as the raw materials in China by far. Several GM rice lines have been developed in China, such as Shanyou 63, Xa21, and Kefeng, etc. However, these GM rice events are being in safety assessment, and not approved for commercialized planted in China up to now.

With the rapid increase of the biotech crops, both food safety and environmental safety are concerned. Now, science-based safety assessment and regulatory systems for GMOs are being established in China. Up to now, China has enacted more than 20 technical standards related to the detection of GM crops safety, including 12 technical standards for detection of GM components etc. And more analysis event-specific GMOs analysis methods for national or international standards are in the pipeline. The system for information exchange, method harmonization, and training is being set up.